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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/069,442	06/28/2002	Eric Lietz	22477-712	3219

7590 12/19/2006  
Shirley Chen  
Wilson Sonsini Goodrich and Rosati  
650 Page Mill Road  
Palo Alto, CA 94304

EXAMINER
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SHIBUYA, MARK LANCE

ART UNIT	PAPER NUMBER
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1639

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	12/19/2006	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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10/069,442 6/28/2002 Lietz

22477-712

EXAMINER

Shibuya

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1639

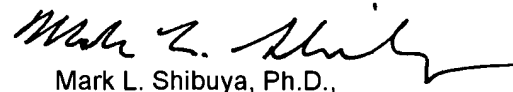
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Commissioner for Patents

Please see attached Communication and Notice to Comply.

  
Mark L. Shibuya, Ph.D.,  
Primary Examiner  
Art Unit: 1639

<b>Notice to Comply</b>	Application No. 101069,442	Applicant(s) Lietz	
	Examiner Shibuya	Art Unit 1639	

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set in the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☒ 7. Other: Please see attached sheets.

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (571) 272-2510

For CRF Submission Help, call (571) 272-2501/2583.

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### Communication

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR § 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 CFR §§ 1.821 through 1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures.

In particular, the Specification at p. 23, discloses the peptide (Gly4-Ser)3, which is within the said requirements for Sequences, pursuant to the above-cited rules. However this sequence is not found in the sequence listing. Therefore, the Sequence Listing must be amended, as set forth on the attached Notice to Comply. The examiner respectfully notes that the Specification must also be amended to identify the sequence by a SEQ ID number.

The examiner respectfully requests applicant's assistance in identifying any other instances of nucleotide or amino acid sequences, which fall within the sequence rules, and that are not listed in the Sequence Listing.

APPLICANT IS GIVEN A ONE MONTH EXTENDABLE PERIOD WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 CFR §§ 1.821 - 1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 CFR §1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR § 1.136. In no case may an applicant extend the period for response beyond the six month statutory period. Applicant is requested to return a copy of the attached Notice to Comply with the response.

Please direct all replies to the United States Patent and Trademark Office via one (1) of the following:

1. Electronically submitted through EFS-Bio  
(<http://www.uspto.gov/ebs/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. Mailed to:  
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P.O. Box 22313-1450  
Alexandria, VA 22313-1450  
Arlington, Virginia 22202
3. Mailed by Federal Express, United Parcel Service or other delivery service to:  
U. S. Patent and Trademark Office  
Box Sequence, Room 1B03-Mailroom  
Crystal Plaza Two  
220 20th Street S.
4. Hand Carried directly to the Customer Window at:  
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Box Sequence, Customer Window, Lobby, Room 1B03  
Crystal Plaza Two

Art Unit: 1639

220 20th Street S.  
Arlington, Virginia 22202


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Shibuya, Ph.D., whose telephone number is (571) 272-0806. The examiner works a flexible schedule and can be reached by phone and voice mail.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dr. James Schultz, can be reached on (571) 272-0763. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

For all other customer support, please call the USPTO Call Center (UCC) at 800-786-9199.

Any questions regarding compliance with the sequence rules requirements specifically should be directed to the departments listed at the bottom of the Notice To Comply.

Any inquiry of a general nature or relating to the status of this application, or requests to supply missing elements from Office communications, should be directed to the Group receptionist whose telephone number is (571) 272-1600.

  
MARK L. SHIBUYA  
PRIMARY EXAMINER